

Annual production costs for established alfalfa or alfalfa-grass hay

	Present Hay Production Level				Your Estimate	
	4 tons per acre *		6 tons per acre *		Fixed	Variable
	Fixed	Variable	Fixed	Variable		
One-third of establishment costs Machinery, seed, lime, and herbicide **	\$8.64	\$28.29	\$9.00	\$33.85	_____	_____
Annual fertilizer *** 0-13-50/ton removed plus spreading	\$2.00	\$40.17	\$4.00	\$60.62	_____	_____
Harvesting Costs: Large Round Bales ****						
Mower-conditioner, rake, baling, and hauling	\$36.23	\$29.51	\$50.98	\$42.22	_____	_____
Labor Costs: 1.33 hr./cutting @ \$11 per hour	\$44.00		\$58.67		_____	
Land Cash rent equivalent	\$85.00		\$80.00		_____	
Total Cost Using Large Round Bales	\$175.87	\$97.97	\$202.65	\$136.69	_____	_____
Cost per Ton	\$43.97	\$24.49	\$33.77	\$22.78	_____	_____
Total Cost per Acre	\$273.84		\$339.34		_____	
Total Cost per Ton	\$68.46		\$56.56		_____	
Harvesting Costs: Small Square Bales ****						
Mower-conditioner, rake, baling, and hauling	\$50.58	\$36.82	\$72.50	\$53.18	_____	_____
Labor Costs: 1.8 hr./cutting @ \$11 per hour	\$59.40		\$79.20		_____	
Land Cash rent equivalent	\$85.00		\$80.00		_____	
Total Cost Using Small Square Bales	\$205.62	\$105.28	\$244.70	\$147.65	_____	_____
Cost per Ton	\$51.40	\$26.32	\$40.78	\$24.61	_____	_____
Total Cost per Acre	\$310.89		\$392.35		_____	
Total Cost per Ton	\$77.72		\$65.39		_____	

* For harvest as silage use machine cost estimates from Table 7.

** Assumes alfalfa-grass seeded with oat companion crop. If alfalfa seeded with preplant herbicide then use other costs.

*** For 6-ton yield goal, a split application of fertilizer is assumed.

**** Harvest cost estimates assume 3 cuttings for 4 tons and 4 cuttings for 6 tons.